

Patent Abstracts of Japan

PUBLICATION NUMBER : 09072394
PUBLICATION DATE : 18-03-97

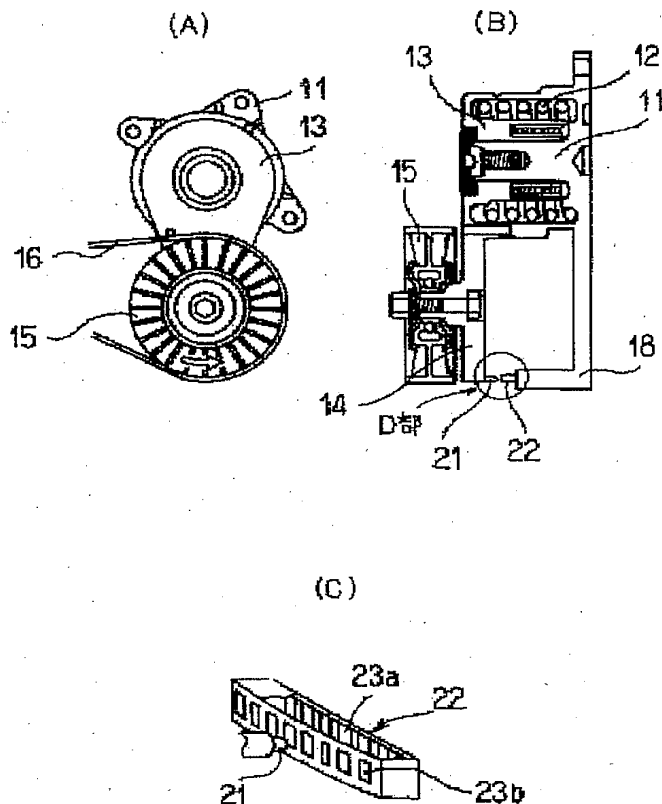
APPLICATION DATE : 05-09-95
APPLICATION NUMBER : 07227733

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INT.CL. : F16H 7/00 F02B 67/06 F02B 77/08
F02D 35/00 G01L 3/14

TITLE : AUXILIARY MACHINE TORQUE
DETECTING SYSTEM



ABSTRACT : PROBLEM TO BE SOLVED: To provide an auxiliary machine torque detecting system not to change output characteristics by a mounting direction and use no slip coupling.

SOLUTION: By using an auto tensioner having an idler pulley 15 rotatably attached to a part of a moving housing 13 coupled to a fixed housing 11 through a elastic body 12, an opposite part 22 and a non-opposite part 21 positioned facing a part of both the fixed housing 11 and a moving housing 13 are arranged. Displacement between the opposite part 22 and the non-opposite part 21 when the auto tensioner is operated is detected to measure the magnitude of torque exerted on an auxiliary machine.

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